

# Type Approval Certificate



This is to certify that the undernoted product(s) has/have been tested in accordance with the relevant requirements of the GL Type Approval System.

Certificate No. **59 967 - 08 HH**

Company **Mariner Systems (UK) Ltd.  
Oaklands Park  
Wokingham, Berkshire RG41 2FD, UNITED KINGDOM**

Product Description **Monitor  
17" TFT Display**

Type **TFT Monitor Model HP 17" : L1750  
used with Mariner Kit MS1130, MS1135 or MS1140**

Environmental Category **C; EMC1**

Technical Data /  
Range of Application **Colour Display : Active Matrix TFT Size 17"  
Power Supply : 90 ... 265 V/AC; 50/60 Hz  
Average : 30 W  
Power Saving Mode : 2 W  
Scanning Frequency Range Horizontal : 24 - 83 kHz  
Scanning Frequency Range Vertical : 50 - 77 Hz  
Input signal : 15-pin mini D-sub analog VGA  
Resolution: 1280 x 1024 (max) @60 Hz native  
Contrast Ratio : 800:1  
Viewing Angle : 160° horizontal/ 160° vertical**

**Modification kit : Mariner Kit Option L1750  
MS1130 Desk Mount Configuration  
MS1135 Wall Mount Configuration or  
MS1140 Console Configuration**

Test Standard **Guidelines for the Performance of Type Approvals Part 2, Edition 2003;  
IEC 60945 fourth Edition**

Documents **Test report : No. TL1116 dated 11-02-2008  
Technical Specifications hp flat panel monitor L1750 DA-12801 Version 4 dated 17-  
12-2007; Data Sheet 4 AA 1-6646EEE dated 12-2007;  
Drawing MS1130, MS1135 and MS 1140 ASSEMBLY dated 21-01-2008**

Remarks **None**

Valid until **2013-12-14**

Page **1 of 1**

Type Approval Symbol



File No. **I.B.06**

**Hamburg, 2008-12-15**

**Germanischer Lloyd**

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This certificate is issued on the basis of "Guidelines for the Performance of Type Approvals Part 1, Procedure".